Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 08 Sep 2022 until 23:59 on Friday 09 Sep 2022

Forecast Issued on Thursday 08 Sep 2022 at 03:19

Confidence: High confidence for the unsettled conditions to continue into next week. Lower confidence on timings and details of showers and longer spells of rain, particularly on Sunday and Monday.

Headline for Thursday 08 Sep 2022: Heavy showers into the afternoon, potentially thundery.

Mountain weather hazards on Thursday 08 Sep 2022

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Medium Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Sunny intervals	Heavy rain showers	Thundery showers	Thundery showers	Light rain showers
Precipitation probability					
30%	20%	50%	70%	50%	30%

Forecast for Thursday 08 Sep 2022

Weather: A largely cloudy start but early rain clearing to leave a generally dry and bright morning. Showers spread north across the range through the afternoon however, becoming frequent and heavy by late afternoon with occasional brighter spells in-between. These showers will bring a risk of lightning, hail, and potentially strong gusts. Showers will ease steadily through the evening however, leaving some clearer spells and patches of low cloud developing.

Chance of cloud-free hill tops above 600m: 20% becoming 80% in the afternoon.

Low cloud and visibility: Cloud bases locally 300-500m in places through the morning, lifting into the afternoon but still falling close to summits in showers. A chance of low cloud forming into the evening with bases down to perhaps less than 100m in places, though summits may remain clear. Visibility very poor within heavy downpours and cloud. Otherwise visibilities good.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 08 Sep 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/22 SE	14/17 E	11/15 E	12/16 E	10/14 NE	8/12 E	7/10 E
300	9/15 E	11/16 E	12/16 E	11/16 E	7/12 NE	4/7 NE	5/9 E
Valley	7/15 E	10/17 E	9/15 E	9/16 E	8/16 E	6/13 NE	5/10 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	11/8	13/11	14/12	12/10	12/10	12/10
300	13/11	14/12	16/14	16/14	15/14	14/14	14/13
Valley	13/12	15/14	18/16	18/16	16/15	14/14	14/14
Freezing Level*	2300m	2300m	2300m	2500m	2500m	2500m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Ensure waterproofs at the ready into the afternoon – ground and rocks maybe slippery with recent rainfall and the expected showers. With thunderstorms and heavy showers, be ready to descend off high ground and exposed routes as needed and prepare alternative routes where necessary. Also be aware of sudden strong gusts within and around showers, particularly near the summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 08 Sep 2022	5.2mm	8.6mm	23.4mm

Forecast for Friday 09 Sep 2022

Weather: Areas of low cloud and patches of mist or fog in places at first, slowly lifting to give a bright day with sunny spells and showers developing into the afternoon, locally heavy and perhaps thundery.

Maximum wind: Northerly 10mph with gusts 15mph.

Chance of cloud-free hill tops above 600m: 20% becoming 80% during the morning.

Low cloud and visibility: Areas of cloud covering summits in places, with cloud base down to 100m, with a chance of mist and fog patches in any prolonged clear spells, mainly in the west of the park. This lifting and breaking through the morning with summits clearing, but some cloud likely falling close to summits once again during heavy showers. Outside of cloud, visibility will generally be very good, but falling to moderate or poor during any heavy showers, with only nearby hills visible.

Temperature: **Valleys:** Plus 13 becoming plus 19 degrees Celsius.
At 600m: Plus 11 becoming plus 15 degrees Celsius.
Freezing level: Above summits.

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